ABSTRACT

The present invention discloses an electromechanical tactile cell assembly comprising a plurality of piezoelectric element reeds, each one of the piezoelectric element reeds being bendable at an elongated end portion when a voltage is applied to the reed, a plurality of conductive fulcrum pins secured to a printed circuit board, and a plurality of multiple element conductive supports secured to a printed circuit board, each multiple element conductive support, in combination with the plurality of conductive fulcrum pins, adapted to secure a plurality of piezoelectric reeds, corresponding to the plurality of conductive fulcrum pins, to the printed circuit board. The electromechanical tactile cell is adaptable for use with a Braille display.